



Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 57483

Application ID: 10698180



Title of Invention:

OPTIMAL SPREADER SYSTEM,  
DEVICE AND METHOD FOR FLUID  
COOLED MICRO-SCALED HEAT  
EXCHANGE

First Named Inventor: Girish Upadhyia

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-10-30

Effective Receipt Date: 2004-03-19

Submission Type: Information Disclosure  
Statement

Filing Type:

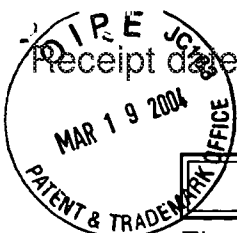
Confirmation number: 9903

Attorney Docket Number: NONE

Total Fees Authorized:


Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US

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TRANSMITTAL

Electronic Version v1.1  
Stylesheet Version v1.1.0

Title of Invention	OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE								
<div>05/11/2009</div> <p>Application Number: 10/698180 </p> <p>Date: 2003-10-30</p> <p>First Named Applicant: Girish Upadhyia</p> <p>Confirmation Number: 9903</p> <p>Attorney Docket Number:</p>									
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p> <table border="1" data-bbox="227 1281 1453 1480"><thead><tr><th data-bbox="227 1281 852 1333">Submitted by:</th><th data-bbox="852 1281 1104 1333">Elec. Sign.</th><th data-bbox="1104 1281 1453 1333">Sign. Capacity</th></tr></thead><tbody><tr><td data-bbox="227 1333 852 1480">Thomas B. Haverstock Registered Number: 32571</td><td data-bbox="852 1333 1104 1480">/tbh/</td><td data-bbox="1104 1333 1453 1480">Attorney</td></tr></tbody></table>		Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity							
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney							
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>COOL00800D-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>		Documents being submitted	Files	us-ids	COOL00800D-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files								
us-ids	COOL00800D-usidst.xml								
	us-ids.dtd								
	us-ids.xsl								
Comments									

# ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of  
Invention

OPTIMAL SPREADER SYSTEM, DEVICE AND METHOD  
FOR FLUID COOLED MICRO-SCALED HEAT EXCHANGE

Application Number: 10/698180



Confirmation Number: 9903

First Named Applicant: Girish Upadhya

Attorney Docket Number:

Search string: ( 4540115 or 5308429 or 5421943 or 6129260  
or 6396706 or 20020134543 ).pn.

## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
/LC/	1	4540115	1985-09-10	Hawrylo			
	2	5308429	1994-05-03	Bradley			
	3	5421943	1995-06-06	Tam et al.			
	4	6129260	2000-10-10	Andrus et al.			
/LC/	5	6396706	2002-05-28	Wohlfarth	B1		

## US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
/LC/	1	20020134543	2002-09-26	Estes et al.	A1		

## Signature

Examiner Name	Date
/Ljiljana Ciric/ (05/11/2009)	05/11/2009